

DOS 3.10

Quick Reference Card

Programming Family



**Personal
Computer
Software**

© IBM Corp. 1985
All rights reserved.

IBM United Kingdom
International Products Limited
P.O. Box 41, North Harbour
Portsmouth PO6 3AU
England

6138562

DOS Editing Keys

Del	Skip one character in retained line
Esc	Cancel current line
F1 or →	Copy and display one character from retained line
F2	Copy all characters up to specified character
F3	Copy all remaining characters from retained line
F4	Skip all characters to specified character of retained line
F5	Accept edited line for more editing as retained line
Ins	Toggle—insert characters

Typing a DOS Command

Type the DOS commands using the following format notation:

[] Items shown inside square brackets are optional. To include optional items, only type the information inside of the brackets. Do not type the brackets.

CAPS Words shown in capital letters are called *keywords*. The DOS command names are keywords. You must type the keywords, however, you can type keywords in any combination of uppercase and lowercase letters.

italics Items shown in lowercase italic letters mean that you are to substitute the item. If italic items are inside of brackets, then they are optional. For example:

filename

means type the name of your file in place of the word filename.

| A vertical bar means either/or. Choose one of the separated items and type it as part of the command. For example:

ON | OFF

means you can type ON or OFF, but not both.

... An ellipsis indicates that you can repeat an item.

Include all punctuation such as commas, equal signs, question marks, colons, slashes, and backslashes. Punctuation shown inside brackets is optional.

Batch Commands

Executes batch file
[d:][filename].BAT[parameters]

Inhibits screen display
ECHO [ON|OFF|message]

Interactive execution of commands
FOR %%variable IN (set) DO command

Transfers control to line following the label
GOTO label

Conditional execution of commands
IF [NOT] condition command

Provides a system wait
PAUSE [remark]

Displays remarks
REM [remarks]

Shifts command lines
SHIFT

DOS Commands

Routes requests to a different drive
[d:][path]ASSIGN [x [=] y [. . .]]

Mark a file as read-only or archive
[d:][path]ATTRIB
[+|-R][d:][path]filename.ext]

Backs up disk files
[d:][path]BACKUP d:[path]filename.ext]
d: [/S]/M[/A]D:mm-dd-yy]

Checks for control break
BREAK [ON | OFF]

Changes current directory
CHDIR [d:][path]
or
CD [d:][path]

DOS Commands

Checks disk and reports status
[d:][path]CHKDSK
[d:][path]filename.ext]]/F[/V]

Clears the display screen
CLS

Compares files
[d:][path]COMP [d:][path]filename.ext]]
[d:][path]filename.ext]]

Copies files
COPY [/A]/B[d:][path]filename.ext]]/A/B]
[d:][path]filename.ext]]/A/B[/V]
or
COPY [/A]/B[d:][path]filename.ext]]/A/B]
[+[d:][path]filename.ext]]/A/B]. . .]
[d:][path]filename.ext]]/A/B[/V]
or
COPY[/A]/B[d:][path]filename.ext]]/A/B]
[+[[,d:][path]filename.ext]]/A/B]. . .]
[d:][path]filename.ext]]/A/B[/V]

Changes to an auxiliary console
CTTY device-name

Enters date
DATE [mm-dd-yy] | [dd-mm-yy] | [yy-mm-dd]

Deletes files
DEL [d:][path]filename.ext]

Lists filenames
DIR [d:][path]filename.ext]]/P[/W]

Compares diskettes
[d:][path]DISKCOMP [d: [d:]]/1[/8]

Copies diskettes
[d:][path]DISKCOPY [d: [d:]]/1]

Erases files
ERASE [d:][path]filename.ext]

Converts .EXE files to .COM format
[d:][path]EXE2BIN [d:][path]filename.ext]
[d:][path]filename.ext]]

DOS Commands

Prepares fixed disk for DOS

FDISK

Searches files for strings of text

[d:][path]FIND[/V][/C][/N] "*string*" [[d:][path]
filename[.ext]. . .]

Formats diskettes or fixed disks

[d:][path]FORMAT [d:][/S][/1][/8][/V][/B][/4]

Loads character table

[d:][path]GRAFTABL

Prints graphics display screen

[d:][path]GRAPHICS[printer type][/R][/B]

Connects a drive to a directory on another drive to
produce a single directory structure

[d:][path]JOIN[d: d:\directory][/D]

Loads a keyboard program

[d:][path]KEYBUK

or

[d:][path]KEYBGR

or

[d:][path]KEYBFR

or

[d:][path]KEYBIT

or

[d:][path]KEYBSP

Create, change, or delete a volume

[d:][path]LABEL [d:][volume label]

Creates a sub-directory

MKDIR [d:][path]

or

MD [d:][path]

DOS Commands

Set mode on printer/display

[d:][path]MODE LPT #[:][n][,m][,P]]

or

[d:][path]MODE n

or

[d:][path]MODE [n],m[,T]

or

[d:][path]MODE

COMn[:]*baud*[,*parity*][,*databits*][*stopbits*[,P]]]

or

[d:][path]MODE LPT#[:]=COMn

Displays a screen-full of data

[d:][path]MORE

Searches directories for commands or batch files

PATH[[d:][path][:][d:][path]. . .]

Prints and queues data files

[d:][path]PRINT[/D:*device*][/B:*buffsiz*]

[/U:*busytick*][/M:*maxtick*][/S:*timeslice*]

[/Q:*quesiz*][/C][/T][/P]

[[d:][path][filename[.ext]...]

Sets new prompt

PROMPT [*prompt-text*]

Recovers files from disk

[d:][path]RECOVER [d:][path]filename[.ext]

or

[d:][path]RECOVER d:

Renames files

REN[AME] [d:][path]filename[.ext]

filename[.ext]

Restores backup files from one disk to another disk

[d:][path]RESTORE d:

[d:][path]filename[.ext][/S][/P]

DOS Commands

Removes a sub-directory

RMDIR [d:]path

or

RD [d:]path

Selects the keyboard layout and date and time format

[d:][path]SELECT xxx yy

Inserts strings into the command processor's environment

SET [name]=[parameter]]

Loads support for file sharing

[d:][path]SHARE[/F:filspacel[/L:locks]

Sorts text data

[d:][path]SORT [/R][/+n] d:

Uses a different drive specifier to refer to another drive or path

[d:][path]SUBST[d: d:path][D]

Transfers DOS

[d:][path]SYS d:

Enter time

Time [hh:mm][:ss[.xx]]]

Displays all directory paths

[d:][path]TREE [d:][F]

Displays file contents

TYPE [d:][path]filename[.ext]

Displays DOS version number

VER

Verifys data

VERIFY [ON | OFF]

Displays volume identification

VOL [d:]

EDLIN Commands

Appends Lines

[n]A

Copies Lines

[line][,line],line,[count]C

EDLIN Commands

Deletes Lines

[line][,line]D

Ends Edit, Saves Changes

E

Inserts Lines

[line]I

Lists Lines

[line][,line]L

Moves Lines

[line][,line],lineM

Page

[line][,line]P

Quits Edit

Q

Replaces Text

[line][,line][?]R[string][<F6>string]

Searches Text

[line][,line][?]S[string]

Transfers Lines

[line]T[d:]filename[.ext]

Write Lines

[n]W

DEBUG Commands

Assembles statements

A[address]

Compares memory

c range address

Displays memory

D[address]

or

D[range]

DEBUG Commands

Replaces memory contents

E *address* [*list*]

Changes memory blocks

F *range list*

Executes with optional breakpoints

G[=*address*][*address*[*address*. . .]]

Hexadecimal add-subtract

H *value value*

Reads and displays input byte

I *portaddress*

Loads file or absolute diskette sectors

L[*address*[*drive sector sector*]]

Moves memory block

M *range address*

Defines files and parameters

N [*d:*][*path*]*filename*[.ext]

Sends output byte

O *portaddress byte*

Proceed with statements after jump

P [=*address*][*value*]

Ends DEBUG program

Q

Displays registers/flags

R [*registername*]

Searches for characters

S *range list*

Executes and displays

T [=*address*][*value*]

Unassembles instructions

U [*address*]

or

U [*range*]

Writes file or absolute diskette sectors

W [*address*[*drive sector sector*]]

CONFIG.SYS Commands

Sets BREAK = ON or OFF

BREAK = [ON | OFF]

Sets number of buffers DOS will allocate.

BUFFERS = *x*

Specifies date and time format for a given country.

COUNTRY = *xxx*

Installs a device driver.

DEVICE = [*d:*][*path*]*filename*[.ext]

Sets number of control blocks that can be concurrently open.

FCBS = *m, n*

Sets maximum number of files that can be concurrently open.

FILES = *x*

Sets maximum number of drives that can be accessed.

LASTDRIVE = *x*

Loads a top-level command processor.

SHELL = [*d:*][*path*]*filename*[.ext]